

# JUSTSOLAR BIFACIAL PERC MONO MODULE

JST-G12-M-55-MH-  
(540-560)W



High conversion efficiency  
High module efficiency to guarantee power output.



0 to +5W positive tolerance  
Detailed information in Electrical Specifications.



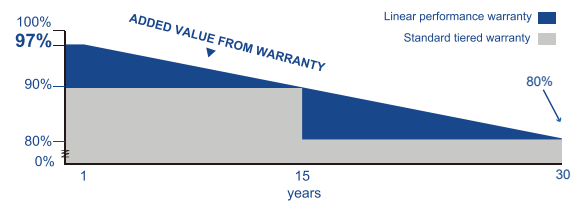
Self-cleaning glass  
Coating glass for self-cleaning, reduce surface dust.



48-hour response service



Outstanding low irradiation performance  
Excellent module efficiency even in the weak light conditions, such as morning or cloudy.



Excellent loading capability  
2400Pa wind loads, 5400Pa snow loads.



30-year performance warranty

15-year warranty on materials and workmanship

IEC 61215 Ed.2  
IEC 61730  
UL 1703



# JUST Solar

## ELECTRICAL DATA

Model Type (JST-G12-M-55-MH-***W)	540	545	550	555	560
Peak Power (Pmax)/W	540	545	550	555	560
Module Efficiency/%	20.7	20.9	21.0	21.2	21.4
Maximum Power Voltage (Vmp)/V	31.56	31.76	31.96	32.16	32.36
Maximum Power Current (Imp)/A	17.12	17.17	17.22	17.26	17.31
Open Circuit Voltage (Voc)/V	37.88	38.10	38.32	38.54	38.76
Short Circuit Current (Isc)/A	18.13	18.18	18.23	18.28	18.33
Power Tolerance			0 to +5W		
Maximum System Voltage			1500V		
Nominal Operating Cell Temperature			44±2°C		
Maximum Series Fuse Rating			35A		

## MECHANICAL DATA

Cell Type	Monocrystalline
Number of Cells	110 cells (5x11+5x11)
Weight	33kg
Dimension	2384x1096x35mm
Max Load	5400 Pascals
Junction Box	IP68 rated
Connector	Twinsel PV-SY02, IP68
Wire Type	Compatible PV Wire

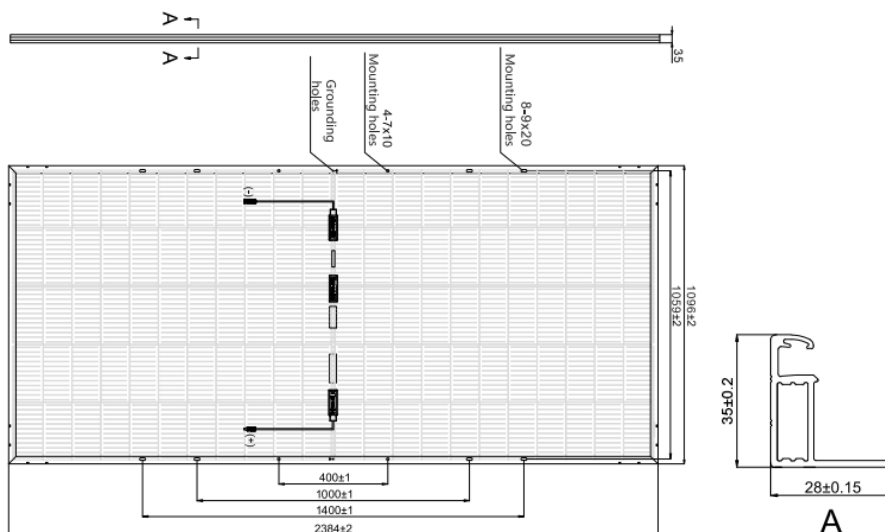
## TEMPERATURE CHARACTERISTICS

Temp. Coeff. of Isc (TK Isc)	0.04% /°C
Temp. Coeff. of Voc (TK Voc)	-0.25% /°C
Temp. Coeff. of Pmax (TK Pmax)	-0.34% /°C

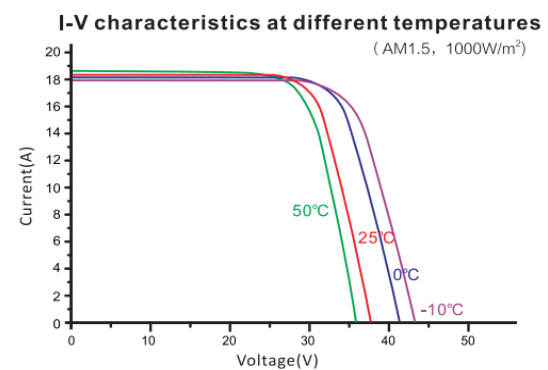
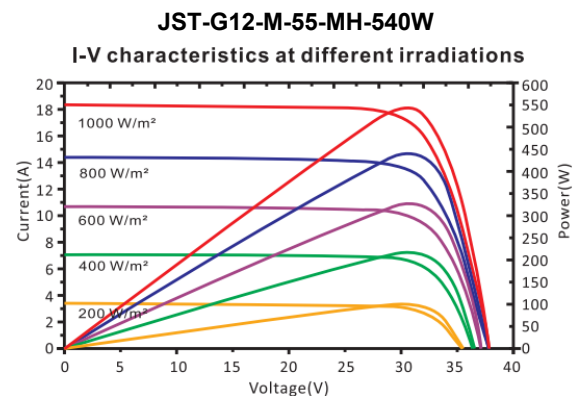
## PACKING MANNER

Container	40' HQ
Pieces per Pallet	35
Pieces per Container	700

## PHYSICAL CHARACTERISTICS



## ELECTRICAL CHARACTERISTICS



Note: the specifications are obtained under the Standard Test Conditions (STCs): 1000W/m² solar irradiance, 1.5 Air Mass, and cell temperature of 25°C. The NOCT is obtained under the Test Conditions: 800W/m², 20°C ambient temperature, 1m/s wind speed, AM 1.5 spectrum.

Please contact support@jusolar.com for technical support. The actual transactions will be subject to the contracts. This parameters is for reference only and it is not a part of the contracts. The specifications are subject to change without prior notice.